5
270
88
ΣE
ಶ

CLUSTRL W (1.83) multiple	sequence alignment
gi 4454552 gb AAD20946.1 gi 1045655 gb AAC50236.1	= SEQ ID NO:5 = Sequence from Chen et al.
gi 4454552 gb AAD20946.1 gi 1045655 gb AAC50236.1	MSGSTQLVAQTWRATRPRYPPHSLSYPVQLARTHTDVGLLBYQHHSRDYA 50
g1 4454552 gb AAD20946.1 gi 1045655 gb AAC50236.1	SHLSPGSIIQPQRRRPSLLSEPQPGNERSQELHIRPESHSYLPELGKSEM 100
gi 4454552 gb AAD20946.1 g1 1045655 gb AAC50236.1	RFIRSKRPRLELLPDPLLRPSPLLATGQPAGSEDLTKDRSLTGKLEPVSP 150
g1 4454552 gb AAD20946.1 g1 1045655 gb AAC50236.1	PSPPHTDPELELVPPRLSKEELIQNMDRVDREITMVEQQISKLKKKQQQL 200
gi 4454552 gb AAD20946.1 gi 1045655 gb AAC50236.1	EEGAAKPPEPEKPVSPPPIESKHRSLVQIIYDENRKKARAHRILEGLGP 250
g1 4454552 gb AAD20946.1 g1 1045655 gb AAC50236.1	QVELPLYNQPSDTRQYHENIKINQAMRKKLILYFKRRNHARKQWKQKFCQ 300
gi [4454552 gb AAD20946.1 gi 1045655 gb AAC50236.1	RYDQLMEALEKKVERIENNPRRRAKESKVREYYEKQFPBIRKQRELQERM 350
gi 4454552 gb AAD20946.1 gi 1045655 gb AAC50236.1	QSRVGQRGSGLSMSAARSEHEVSEIIDGLSBQENLEKQMRQIAVIPPMLY 400
gi 4454552 gb aaD20946.1 g1 1045655 gb AAC50236.1	DADQQRIKFINMNGLMADPMKVYKDRQVMNNWSBQEKETFREKFWQHPKN 450
gi 4454552 gb AAD20946.1 gi 1045655 gb AAC50236.1	FGLIASFLERKTVAECVLYYYLTKKNBNYKSLVRRSYRRRGKSQQQQQQQ 500

gi 4454552 gb AAD20946.1 gi 1045655 qb AAC50236.1	QQQQQQQQPMPRSSQBEKDEKEKEABKEBEKPEVENDKEDLLKBKT 550
gi [4454552 gb AAD20946.1 g1 1045655 gb AAC50236.1	DDTSGEDNDEKBAVASKGRKTANSQGRRKGRITRSMANBAMSERAITPQQ 600
gi[4454552]gb AAD20946.1 gi 1045655 qb AAC50246.1	SAELASMELNESSRNTEEEMETAKKOLLEHGRNWSALARMVGSKTVSQCK 650
11.00.000.000.000.000.000.000.000.000	
gi 4454552 gb AAD20946.1	nfyenykkronldbiloqhklkmekbrnarrkkkrapaaseeaafppvv 700
91 1030629 90 990501 16	
g1 4454552 gb AAD20946.1	EDEBMEASGVSGNESEMVEZARALHASGNEVPRGECSGPATVNNSSDTRS 750
gi 1045655 gb AAC50236.1	
in lagracial de la casa de la in	
91 1045655 9D AAC50246.1	LESPHIEAAKDIGONGPKPPATLGADGPPPGPPTPPRRTSRAPIEFTPAS 800
91 4454552 9b AAD20946.1 91 7045655 9b Barenore 2	EATGAPTPPPAPPSPSAPPPVVPKBBKERBTAAAPPVEBGEEQKPPAAEE 850
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
g1 6454552 gb AAD20946.1 g1 1045655 gb AAD20946.1	TGKAEE
1.0030000000000000000000000000000000000	
g1 4454552 gb AAD20946.1	GRATTAKSSGAPQDSDSSATCSADBVDEAEGGDKURLLSPRPSLLTPTGD 950
4- 10450650 90 AAC50236 - 1	
gi 4454552 gb AAD20946.1	PRANASPOKPLDLKQLKQRAAALPPLQVTKVHBPPREDAAPTKPAPPAPP 1000
91 1045655 9D AAC50236.1	
91 4454552 95 AAD20946.1 9i 1045655 95 AAC50236.1	PPQNLQPBSDAPQQPGSSPRGKSRSPAPPADKRAPAAEAQKLPGDPPCWT 1050

5
292
2

gi 4454552 gb AAD20946.1 gi 1045655 gb AAC50236.1	SGLPFVPPREVIKASPHAPDPSAPSYAPPGHPLPLGLHDTARPVLPRPP 1100 SGLPFPVPPREVIKASPHAPDPSAFSYAPPGHPLPLGLHDTARPVLPRPP 78 ************************************
g1 [4454552 gb AAD20946.1 g1 1045655 gb AAC50236.1	TISNPPPLISSAKHPSVLERQIGAISQGMSVQLHVPYSEHAKAPVGPVTM 1150 TISNPPPLISSAKHPSVLERQIGAISQGMSVQLHVPYSEHAKAPVGPVTM 128 ************************************
gi 4454552 gb AAD20946.1 gi 1045655 gb AAC50236.1	GLPLPMDPKKLAPFSGVKQBQLSPRGQAGPPESLGVPTAQEASVLRGTAL 1200 GLPLPMDPKKLAPFSGVKQEQLSPRGQAGPPESLGVPTAQEASVLRGTAL 178 ************************************
gi 4454552 gb AAD20946.1 gi 1045655 gb AAC50236.1	GSVPGGSITKGIPSTRVPSDSAITYRGSITHGTPADVLYKGTITRIIGBD 1250 GSVPGGSITKGIPSTRVPSDSAITYRGSITHGTPADVLYKGTITRIIGED 228 ***********************************
gi 4454552 gb naD20946.1 gi 1045655 gb naC50236.1	SPSRLDRGREDSLPKGHVIYEGKKGHVLSYRGGMSVTQCSKEDGRSSSGP 1300 SPSRLDRGRBDSLPKGHVIYEGKKGHVLSYBGGMSVTQCSKEDGRSSSGP 278 ************************************
gi 4454552 gb AAD20946.1 g1 1045655 gb AAC50236.1	PHETAAPKRIYDNMEGRVGRAISSASIEGIMGRAIPPBRHSPHHLKEQHH 1350 PHETAAPKRIYDMMEGRVGRAISSASIEGIMGRAIPPERHSPHRIKEQHH 328 ************************************
gi 4454552 gb AAD20946.1 gi 1045655 gb AAC50236.1	IRGSITQGIPRSYVEAQEDYLRREAKLLKREGTPPPPPPPPSKDLTEAYKTQ 1400 IRGSITQGIPRSYVEAQEDYLRREAKLLKREGTPPPPPPPPPSKDLTEAYKTQ 378 ************************************
gi 4454552 gb AAD20946.1 g1 1045655 gb AAC50236.1	ALGPLKIKPAHEGLVATVKRAGRSIHBIPRBELRHTPBLPLAPRPLKEGS 1450 ALGPLKLKPAHEGLVATVKBAGRSIHEIPRBELRHTPELPLAPRPLKEGS 428 **************
gi 4454552 gb aad20946.1 gi 1045655 gb aac50236.1	ITQGTPLKYDTGASTTGSKKHDVRSLIGSPGRTFPPVHPLDVMADARALB 1500 ITQGTPLKYDTGASTTGSKKHDVRSLIGSPGRTFPPVHPLDVMADARALB 478 ************************************
gi [4454552]gb AAD20946.1 gi [1045655 gb AAC50236.1	RACYEESLKSRPGTASSSGGSIARGAPVIVPBLGKPRQSPLTYEDHGAPF 1550 RACYEESLKSRPGTASSSGGSIARGAPVIVPBLGKPRQSPLTYRDHGAPF 528 ************************************
gi 4454552 gb AAD20946.1 gi 1045655 gb AAC50236.1	AGHLPRGSPVTWREPTPRLQEGSLSSSKASQDRKLTSTPREIAKSPHSTV 1600 AGHLPRGSPVTWREPTPRLQEGSLSSSKASQDRKLTSTPRBIAKSPHSTV 578

91 4454552 9b AAD20946.1 91 1045655 9b AAC50236.1	PEHHPHPISPYEHLLRGVSGVDLYRSHIPLAFDPTSIPRGIPLDAAAAYY 1650 PEHHPHPISPYEHLLRGVSGVDLYRSHIPLAFDPTSIPRGIPLDAAAAYY 628 ************************************	650 28
gi 4454552 gb AAD20946.1 gi 1045655 gb AAC50236.1	LPRHLADNPTYPHLYPPYLIRGYPDTAALENROTIINDYITGQMHHNTA 1700 LPRHLADNPTYPHLYPPYLIRGYPDTAALBNRQTIINDYITSQQMHHNTA 678 ************************************	700
gi 4454552 gb aad20946.1 g1 1045655 gb aac50236.1	TAMAQRADMIRGISPRESSLALNYAAGPRGIIDLSQVPHLPVLVPPTPGT 1750 TAMAQRADMIRGLSPRESSLALNYAAGPRGIIDLSQVPHLPVLVPPTPGT 728 ************************************	750
gi 4454552 gb AAD20946.1 gi 1045655 gb AAC50236.1	PATAMDRIAYLPTAPQPFSSRHSSSPLSPGGPTHLTKPTTTSSSBRERDR 1800 PATAMDRIAYLPTAPQPFSSRHSSSPLSPGGPTHLTKPTTTSSSERERDR 778 ***********************************	00 8
gi 4454552 gb AAD20946.1 gi 1045655 gb AAC50236.1	DRERDRDRERBKSILTSTTTVEHAPIWRPGTBQSSGSSGSGGGGGSSSR 1850 DRERDRDREREKSILTSTTTVEHAPIWRPGTEQSSGSSGSGGGGSSSR 828 ***********************************	0 B
gi 4454552 gb AAD20946.1 gi 1045655 gb AAC50236.1	PAGHSHAHQHSPISPRTQDALQQRPSVLHNTGMKGIITAVEPSKPTVLRS 1900 PASHSHAHQHSPISPRTQDALQQRPSVLHNTGMKGIITAVEPSKPTVLRS 878 ***********************************	00 8
gi 4454552 gb AAD20946.1 gi 1045655 gb AAC50236.1	TSTSSPVRPAATFPPATHCPLGGTLDGVYPTLMEPVLLPKBAPRVARPER 1950 TSTSSPVRPAATFPPATHCPLGGTLDGVYPTLMBFVLLPKBAPRVARPER 928 ************************************	8
g1 4454552 gb AAD20946.1 gi 1045655 gb AAC50236.1	PRADTGHAFLAKPPARSGLEPASSPSKGSRPRPLVPPVSGHATIARTPAK 2000 PRADTGHAFLAKPPARSGLEPASSPSKGSEPRPLVPPVSGHATIARTPAK 978 ************************************	0 6
gi [4454552 gb AAD20946.1 gi [1045655 gb AACS0236.1	NLAPHHASPDPPASASDPHRZKTQSKPFSLQKLELRSLGYHGSSYSP 2050 NLAPHHASPDPPAPPASASDPHREKTQSKPFSLQELKLRSLGYHGSSYSP 1028 ************************************	0.8
gi 4454552 gb AAD20946.1 gi 1045655 gb AAC50236.1	BGVEPVSPVSSPSLTHDKGLPKHLBELDKSHLEGELRPKQPGPVKLGGEA 2100 EGVEPVSPVSSPSLTHDKGLPKHLEBLDKSHLBGELRPKQPGPVKLGGEA 1078 ************************************	0 8
g1 (4454552 gb AAD20946.1 gi 1045655 gb AAC50236.1	AHLPHLRPLPESQPSSSPLLQTAPGVKGHQRVVTLAQHISEVITQDYTRH 2150 AHLPHLRPLPESQPSSSPLLQTAPGVKGHORVVTLAQHISEVITGDVTRH 1128	Q a

270.1
IR_2922
콥

	化中央电影 计分类 医二甲基苯甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲甲基甲甲基甲甲基甲甲甲甲甲甲	
g1 4454552 gb AAD20946.1 g1 1045655 gb AAC50236.1	HPQQLSAPLPAPLYSFPGASCPVLDLRRPPSDLYLPPPDHGAPARGSPHS 2; HPQQLSAPLPAPLYSFPGASCPVLDLRRPPSDLYLPPPDHGAPARGSPHS 1: ************************************	2200 1178
gi 454552 gb AAD20946.1 gi 1045655 gb AAC50236.1	EGGKRSPEPNKTSVLGGGEDGIEPVSPPEGMTEPGHSRSAVYPLLYRDGE 22 EGGKRSPEPNKTSVLGGGEDGIEPVSPPEGWIEPGHSRSAVYPLLYRDGE 12 ************************************	2250 1228
gi 4454552 gb AAD20946.1 gi 1045655 gb AAC50236.1	QTBPSRMGSKSPGNTSQPPAFFSKLTESNSAMVKSKKQBINKKLNTHURN 23 QTEPSRMGSKSPGNTSQPPAFFSKLTESNSAMVKSKKQBINKKLNTHURN 12 ************************************	2300 1278
gi 4454552 gb AAD20946.1 gi 1045655 gb AAC50236.1	EPBYNISQPGTEIFNMPAITGTGLMTYRSQAVQEHASTNMGLEAIIRKAL 23 BPEYNISQPGTEIFNMPAITGTGLMTYRSQAVQEHASTNMGLBAIIRKAL 13 ************************************	2350 1328
gi [4454552 gb AAD20946.1 g1 1045655 gb AAC50236.1	MGKYDQWBESPPLSANAFNPLNASASLPAAMPITAADGRSDHTLTSPGGG 2400 MGKYDQWBESPPLSANAFNPLNASASLPAAMPITAADGRSDHTLTSPGGG 1378 ************************************	2400 1378
gi 4454552 gb AAD20946.1 gi 1045655 gb AAC50236.1	GKAKVSGRPSSRKAKSPAPGLASGDRPPSYSSVHSEGDCNRRTPLTNRVW 24 GKAKVSGRPSSRKAKSPAPGLASGDRPPSVSSVHSEGDCNRRTPLTNRVW 14 ************************************	2450 1428
gi 4454552 gb aaD20946.1 gi 1045655 gb aaC50236.1	EDRPSSAGSTPFPYNPLIMRLOAGVMASPPPPGLPAGSGPLAGPHHAWDE 25; EDRPSSAGSTPFPYNPLIMRLOAGVMASPPPPGLPAGSGPLAGPHHAWDE 14* ***********************************	2500 1478
gi 4454552 gb AAD20946.1 gi 1045655 gb AAC50236.1	EPKPLLCSQYRTLØDSB 2517 BPKPLLCBQYETLSDSE 1495	